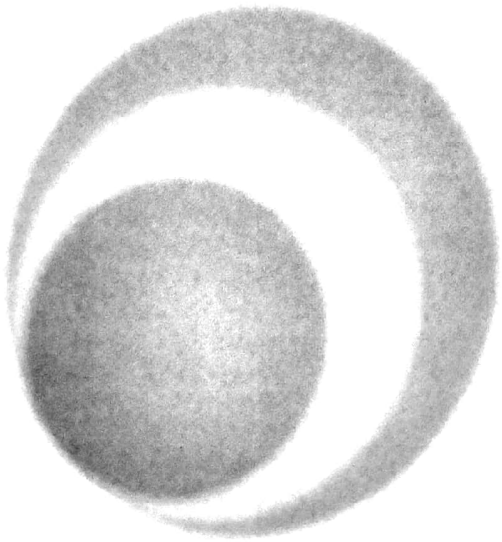
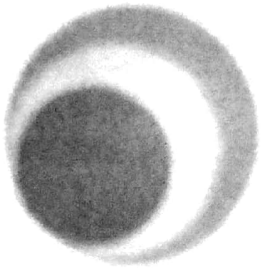
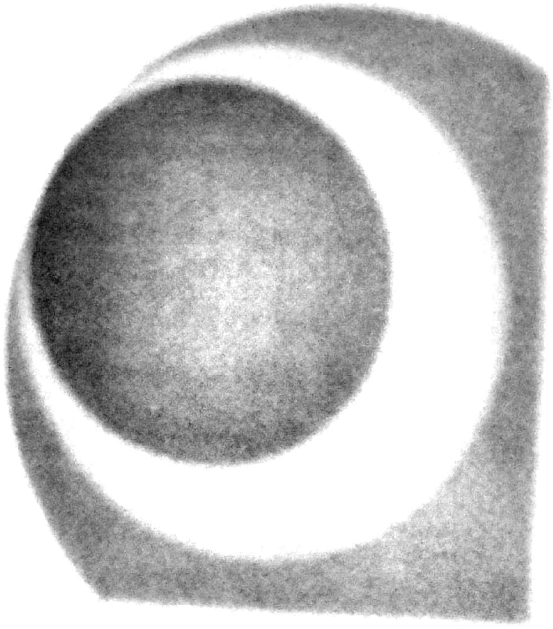




SURYA

LED STREET LIGHT
SLE UL 120W IP66 LXN



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Noida (U.P.), 201301
Contact: +91 (120) 4344887, 4344888, 434489, 4344890
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SURYA

TEST REPORT

Report Number:	1703E10PH00	**Date:**	03/05/2017
Testing Agency:	Surya Technology & Innovation Centre		
Customer Details:			
Surya Roshni Limited **LBG Division** **Padma Tower -1** **Rajendra Palace** **New Delhi 110008**			
Product Catalogue Reference:	SLE UL 120W IP66 LXN	**Brand:**	SURYA
Product/Sample ID:	1703E10		
Product/Sample Description: 120W LED streetlight			
Construction- An aesthetically appealing, IP 66, Streetlight luminaire comprising of optimally designed die cast Aluminium housing with heat resistant toughened glass with all necessary accessories. High performance LED Driver provides energy efficient lighting, wide distribution in longitudinal direction & optimum distribution in tranverse direction, avoiding light pollution & effectively utilizing light in street lighting application.			
Test Details: • Light intensity distribution Measurement • Total Lumen output Measurement • Electrical Parameters Measurement		**Document References/Standard:** • IES-LM-79-08 Electrical and Photometric Measurements of Solid-State Lighting Products • IS : 16106 : 2012 Method of Electrical and Photometric Measurements of Solid State Lighting (LED) Products	
Enclosures:	Refer to page no. 3 to 5		

Disclaimer:
This report shall not be reproduced, except in full.
The results of test in this report apply only to sample item/ product tested.
No sampling was conducted by this laboratory for the test item/product mentioned overleaf

Tested by:		**Approved by:**
Rakesh Jaiswar		Sukanta Kundu

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SURYA

Electrical & Photometric Test Report

Photometric Test Report (As Per IES LM 79-08)			Sample ID: 1703E10
Catalogue Reference	SLE UL 120W IP66 LXN	Date of Testing	03/05/2017
Testing Agency	Surya Technology & Innovation Center	Brand	SURYA
Equipment used	LMT Mirror Goniophotometer (Type 3.1) & YOKOGAWA Power Meter(WT2010)		
Measurement of uncertainty	±2.5%	Photometric Distance	19.083 m

Ambient Temperature	(25±1) ºC	Relative Humidity	48 %
Test voltage (V)	240 V ac	Frequency (Hz)	50
Stabilization Time	60 min	Total operating time	90 min
Rated Performance Parameters-			
Rated Wattage	120W±10%	Maximum Input Current	0.570A
CCT	5700K	CRI	>70
Measured Electrical Parameters:			
Supply Voltage (V)	240.0 V	Input Current (A)	0.514A
Total Power (W)	119.6 W	Power Factor	0.974
Photometric Measurement Data:			
Total Measured Lumen (lm)	11206 lm	System Efficacy (lm/W)	93.69 lm/W
Light Intensity Distribution (cd)		Attached (Refer to page no. 4)	
Zonal Flux Diagram(street)		Attached (Refer to page no. 5)	

Tested by:		Approved by:
Rakesh Jaiswar		Sukanta Kundu

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